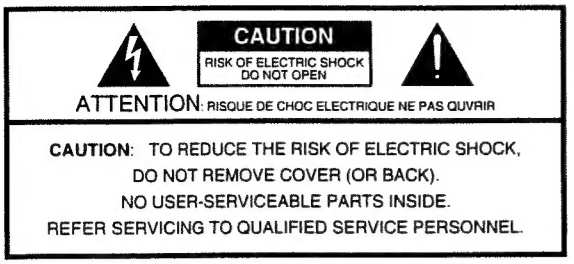
Roland®

Digital Piano HP236



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

IMPORTANT SAFETY INSTRUCTIONS
SAVE THESE INSTRUCTIONS

WARNING - When using electric products, basic precautions should always be followed, including the following:

1. Read all the instructions before using the product.
2. Do not use this product near water — for example, near a bathtub, washbowl, kitchen sink, in a wet basement, or near a swimming pool, or the like.
3. This product should be used only with a cart or stand that is recommended by the manufacturer.
4. This product, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.
5. The product should be located so that its location or position does not interfere with its proper ventilation.
6. The product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.
7. The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product.
8. The power-supply cord of the product should be unplugged from the outlet when left unused for a long period of time.
9. Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
10. The product should be serviced by qualified service personnel when:
    A. The power-supply cord or the plug has been damaged; or
    B. Objects have fallen, or liquid has been spilled onto the product; or
    C. The product has been exposed to rain; or
    D. The product does not appear to operate normally or exhibits a marked change in performance; or
    E. The product has been dropped, or the enclosure damaged.
11. Do not attempt to service the product beyond that described in the user-maintenance instructions. All other servicing should be referred to qualified service personnel.

For the USA

This product may be equipped with a polarized line plug (one blade wider than the other) . This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of the plug.

For Canada

For Polarized Line Plug

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

ATENTION: POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU' AU FOND.

For the U.K.

IMPORTANT: THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE.

BLUE: NEUTRAL
BROWN: LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:
The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.
The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

Roland

Roland Piano Digital

HP-236

Thank you, and congratulations on your choice of the Roland HP-236 Digital Piano.
Thanks to its use of New Advanced GP Process digital sound sources, the HP-236 faithfully recreates the powerful lows and sparkling highs of a concert grand piano. Moreover, it comes equipped with a keyboard that is a delight to play - one which responds to every playing dynamic. And because the instrument's sound sources are digital, the piano will never need tuning to retain its sound quality. For these and many other reasons, you will now be able to enjoy everything you would expect from a traditional piano - all within a user-friendly, compact package that more readily fits into a modern lifestyle.
In order to take full advantage of the HP-236's numerous features, and to enjoy years of trouble-free service, please take the time to read through this manual.

Features

- Six Different Sounds
  The selection of sounds, beginning with a luxurious grand piano, allows you to play music in virtually any style.

- Dual Function
  Any two Voices can be combined (layered) and played together.

- Digital Effects
  Your new piano comes equipped with two digital effects: Chorus and Reverb.

- "Recorder"
  An easy-to-operate Recorder allows you to record and play back the music you create.

- Key Touch Function
  Three 'Touch' levels are available, allowing the player to adjust the keyboard feel to suit personal preferences.

- Damper Pedal
  When the Damper pedal is depressed, the HP-236 provides a realistic simulation of "sympathetic resonance." This effect occurs when strings (on an acoustic piano) adjacent to the notes played also resonate, creating much richer, expansive sonorities.

- Exclusive "passive reflection speaker system"
  Positioning the HP-236 close to the wall, the rear "Passive Holes" provide a sound reinforcement of the "Mid-High" frequencies, reflecting the sound through the wall surface. This system guarantees an extremely wide and natural sound effect.

- Transpose Function
  Using the key transpose function you can transpose the entire keyboard without changing the position of the keys to play.

- Master Tune
  The overall pitch of the piano can be changed to match the pitch of other musical instruments.

- MIDI Capability
  The instrument also provides for use of MIDI, the interface standard designed to provide for the transfer of performance information among electronic musical instruments and computers.

- Computer Interface
  This socket allows you to connect your HP-236 to a computer (PC - MS Dos).

About the Advanced GP Sound Sources

The sounds produced by this instrument are created using the "Advanced GP Process," which represents a pooling of the best leading-edge digital technology by Roland. This process, developed as a natural extension of the original GP process, involved a series of efforts: first, an analysis of the essential properties of sound as generated by musical instruments, then an extraction, and finally a re-synthesis designed to facilitate the expressive needs of musicians. The result is a sound generation method which provides very finely textured and realistic sounds.

Important Notes

In addition to the items listed under Safety Precautions , please read and adhere to the following:

Power Supply

- When making any connections with other devices, always turn off the power to all equipment first; this will help prevent damage or malfunction.
- Do not use this unit on the same power circuit with any device that will generate line noise, such as a motor or variable lighting system.

Placement

- Do not subject the unit to temperature extremes (eg. direct sunlight in an enclosed vehicle). Avoid using or storing the unit in dusty or humid areas or areas that are subject to high vibration levels.
- This unit may interfere with radio and television reception. Do not use this unit in the vicinity of such receivers.
- Make sure you always have the instrument placed so it is level and sure to remain stable. Otherwise, if played while tilted, you risk causing damage to the keyboard as a result of the unnatural degree of force that might be applied to certain parts of it.

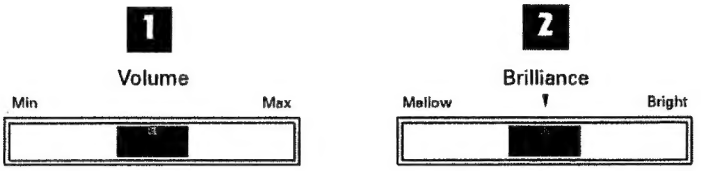
Maintenance

- For everyday cleaning wipe the unit with a soft, dry cloth (or one that has been slightly dampened with water). To remove stubborn dirt, use a mild neutral detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.
- Never use benzene, thinners, alcohol or solvents of any kind, to avoid the risk of discoloration and/or deformation.

Additional Precautions

- Protect the unit from strong impact.
- Do not allow objects or liquids of any kind to penetrate the unit. In the event of such an occurrence, discontinue use immediately. Contact qualified service personnel as soon as possible.

Front Panel Description



1 VOLUME Slider
At "MAX" the volume will be greatest.

2 BRILLIANCE Slider
The sound becomes brighter as the slider is moved toward BRIGHT.

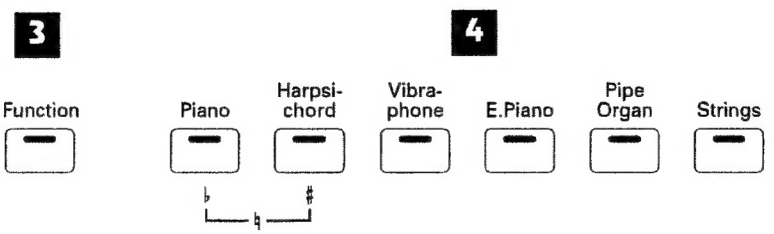
3 FUNCTION Button
The FUNCTION button, when used in combination with other buttons or keyboard, is used to perform the following procedures:

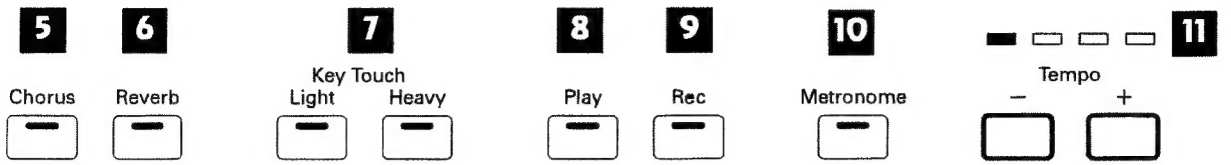
Playing the DEMO songs
Transpose to other keys
Setting the MIDI Transmit/Receive channels
Setting Omni On or Off
Setting Local On or Off
Setting the Multi-Timbral Mode
Setting the MIDI Mode
Transmittion/Reception of Program Change Messages

4 Voice Buttons
Use these buttons to select the sound you want.

PIANO	A rich concert Grand Piano sound.
HARPSICHORD	A distinctively sensitive and refined Harpsichord sound.
VIBRAPHONE	The sound of a large Vibraphone.
E. PIANO	Provides the timbre of a luminous, transparent Electric Piano.
PIPE ORGAN	A Cathedral Pipe Organ.
STRINGS	The sound of a delightful String Ensemble.

Press any two Voice buttons simultaneously to have those two sounds combined and played together.
(This is known as the DUAL function.)





5 CHORUS Button
Press the CHORUS button (its indicator will light) to add minute pulsations to the sounds you play, and make them seem fatter and more expansive.
You can select from six Chorus Depth levels.

Hold down a Voice button while you press the CHORUS button to store the setting (ON /OFF) along with that Voice.

* *The Chorus setting that will apply to the sounds in a layered pair will be the setting made for the Voice button on the left.*

6 REVERB Button
Press the REVERB button (its indicator will light) to add reverberation (spacious ambiance) to the sound.
You can select from six Reverb Depth levels.
* *Reverb On/Off cannot be set individually for each Voice.*

7 KEYTOUCH Buttons
Allows you to adjust the keyboard's sensitivity.

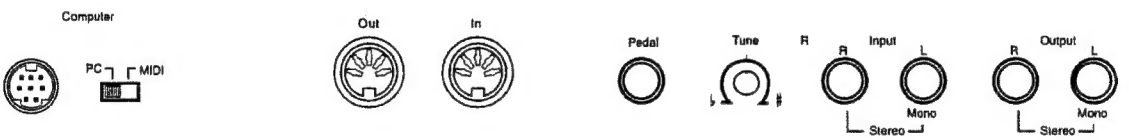
8 PLAY Button
Press to play back what you have recorded.

9 REC Button
Allows you to record your performances.

10 Metronome Button
Allows you to hear the metronome sound for practice or study.

11 Tempo buttons
Allows you to adjust the "TEMPO" of the metronome.

Rear Panel Description



MIDI Connectors (In and Out)
Accept the MIDI cables used to connect external electronic instruments.

PEDAL Jack
This is where you'll connect the supplied pedals.

TUNE Knob
Allows the overall pitch to be adjusted. With the knob at its center position, the central A key (la) on the keyboard will have a frequency of 440 Hz.
Move the knob in the direction of "#" to raise the pitch, and toward "♭" to lower it. By rotating the knob to either extreme, you obtain a change of 50 cents (1/2 semitone).

INPUT Jacks
Accept input of audio signals from some other unit (CD player, cassette deck etc.) that you wish to hear through the HP-236's speakers.

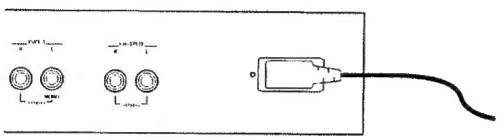
OUTPUT Jacks
Provide output of sound produced by the HP-236.

Computer Interface
Allows you to connect your HP-236 to a computer without using any MIDI interface.

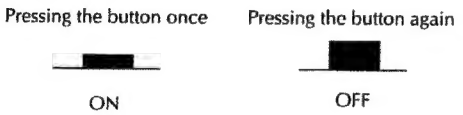
MIDI/Computer interface selector
Allows you to chose the method to communicate with other devices.

Turning the Power On

1. Insert the plug on the power cord into an outlet.



2. Press the POWER button on the left side of the panel. (Press the button again to turn it OFF.)



* *A muting feature comes into effect for a brief interval (about 2 seconds) after power up. During this interval, nothing will be heard if you play the keyboard.*

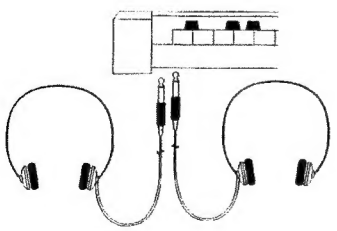
* *Be sure to use only the power cord supplied with this unit.*

* *Whenever you do not intend to use the piano for an extended period of time, disconnect the power cord from the outlet.*

Using Headphones

To use headphones, insert the plug into the jack located on theleft side of the bottom panel of the instrument.
The instrument is provided with two jacks to connect two headphones at the same time.

* *The piano's speakers will no longer produce sound once you have headphones connected. This is convenient for private practice or late-night playing.*



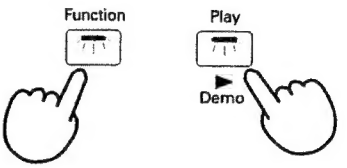
* *The VOLUME slider on the instrument can be used to adjust the volume as necessary.*

* *We recommend the use of stereo headphones.*

Listening to the Demonstration Songs

The HP-236 contains six demonstration songs in memory which highlight the instrument's capability. To hear them, follow the steps below.

1. While holding down the FUNCTION button, press PLAY button (both indicators will start to flash) and in a few seconds the Demo songs will start to play.



2. When one song finishes, the next one will start playing automatically.

If you wish to listen to only one song, press PLAY button while holding the FUNCTION button. Then within 2-3 seconds, press one of the voice Buttons.
PIANO gives you the first song, HARPSICHORD the second up to strings that will give you the last one. (The button indicator will be flashing for the song currently playing.)

3. To stop playback of one song and have another play, simply press another Voice button (where the indicator is not flashing).

To stop playback of the demonstration songs (and return to the standard mode), press the FUNCTION or PLAY button.

This is a list of the available demos:

1. ***Educational 1***
   J. S. Bach - Minuetto M. Clementi - Sonatina Op.36 n°1
2. ***Educational 2***
   W. A. Mozart - Sonata K54 L. Van Beethoven - Sonatina in SOL
3. ***Demo 3 Classic***
   F. Chopin - Studio Op.10 n°4
4. ***Demo 4 Classic***
   M. Ravel - Valse Nobles et Sentimentales n°3
5. ***Demo 5 Jazz***
   M. Coclite - Flowers
6. ***Tones Demo***

a)Piano	*F. Chopin*	*Studio Op. 10 n°1*
b) Harpsichord	*D. Scarlatti*	*Sonata in DO*
c) Vibraphone	*M. Coclite*	
d) E. Piano	*M. Coclite*	
e) Organ	*J. S. Bach*	*Variazioni Goldberg Fughetta*
f) Strings	*J. S. Bach*	*Concerto in MI per Piano ed Orchestra*

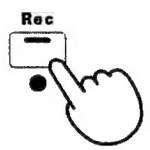
Try Recording What you play

How to Create Recordings

Use whatever Voice you like to play whatever song you wish to record. When completed, you will be able to listen to the results, and check how well you played the song.

1. Select the Voice you wish to use for the recording, then make any other selections you wish, such as for Chorus and Reverb.

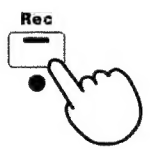
When ready, press the REC button (its indicator will light). This means that the instrument is in stand-by, waiting for recording to begin.



* *If you want to exit, at this point, from the REC mode, simply press PLAY button.*

2. Start playing. (Recording will start the moment the first note is played.)

3. When finished, press the REC button again to stop recording. The indicator will go out.



* *During recording, you can change to any other Voice you wish to use.*

* *You can record up to approximately 2,000 notes.*
When the unit starts running low on memory space, the indicator on the REC button will start flashing.
Once you reach the stage where the unit cannot record any more, the indicator on the REC button will go out, and recording stops automatically.

* *Once you begin a new recording, all of the performance data previously recorded will be erased. Once erased, performance data cannot be recovered.*

Now try listening to what you just recorded

Press the PLAY button (its indicator will light).

The unit stops automatically after the song has played through. The indicator will then go out.
(Press the PLAY button to stop playback at any point.)

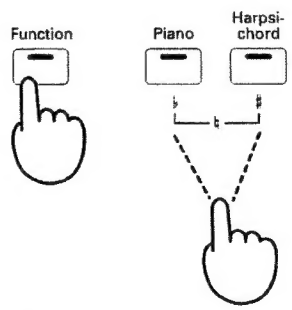
* *The performance data that you record will disappear about 8 hours after power has been turned off. If you need a more permanent form of storage for your songs, you will need to connect an external sequencer and record onto that unit.*

* *To manually erase all recorded performance data, simultaneously press the REC and PLAY buttons.*

Playing with the Key Transposed

If you wish, you can play the instrument with the key 'transposed.' This conveniently allows you to play in a key that matches a vocal accompaniment, without changing your fingering on the keyboard. Transposition is also useful when you are going to play a piece in a key other than C, and wish to play it as if it were in the key of C. This makes it easier to play.

While holding down the FUNCTION button, press either PIANO (♭) or HARPSICHORD (#) (or using the keyboard keys from C7 to B7) enough times to obtain the amount of transposition you wish.

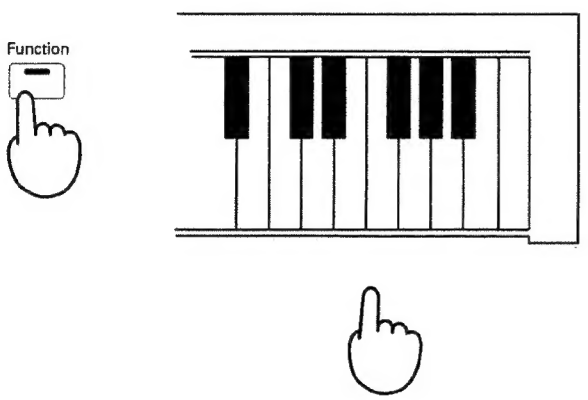


\# *With each press, the sound is raised by 1 semitone. (Max. of 5 semitones.)*
♭ *With each press, the sound is lowered by 1 semitone. (Max. of 6 semitones.)*

Playing a piece in some other key with the fingering of C

You need to specify which note you wish to sound when the C key (Do in the key of C) is pressed. Hold down the FUNCTION button while you press the keynote for the key you wish to transpose to (using the C-B keys in the upper-most of the keyboard). For example, to play an E major piece in the key of C major, you would hold down the FUNCTION button while you press E (mi)

Transpose



* *To reset the transpose values, press PIANO (♭) and HARPSICHORD (#) simultaneously while holding down the FUNCTION button.*

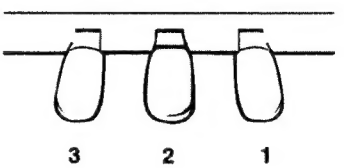
* *The indicator on the FUNCTION button will remain lit while transposition is in effect.*

* *To cancel transposition, press the FUNCTION button again, and confirm that its indicator has gone out.*

* *Once you have set the transposition, all you need to do to obtain the same transposition the next time is to press the FUNCTION button.*

Pedal Functions

The specialized stand comes equipped with 3 pedals. The right one is the Damper pedal, the middle one is the Sostenuto pedal, and the left one acts as the Soft pedal.



1) Damper Pedal
While the Damper Pedal is depressed, notes that have been played will continue to sound even after your fingers have been removed from those keys.

2) Sostenuto Pedal
This pedal is used to sustain only the sound of those keys that are pressed at the very moment the pedal is depressed. Notes played afterwards are not effected.

3) Soft Pedal
When depressed, you obtain a softer sound.

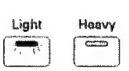
Key Touch Function

This instrument allows you to select one of three touch settings. These settings determine how the keyboard will respond to certain playing dynamics. Choose the setting which is most comfortable.

Medium

This is the standard setting. The response provided by this setting is generally perceived as being the most natural.

Light



With this setting, the keys will seem lighter to the touch, and fortissimo levels can be achieved with much less effort.

Heavy

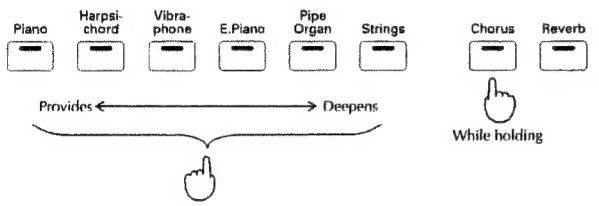
With this setting, the keys will seem heavier to the touch, and you will need to apply even more force than normal to obtain fortissimo levels.

* *When powered up, the instrument will be at the default setting (Medium).*

Changing the Depth of the Chorus Effect

You can select from 6 different Chorus levels.

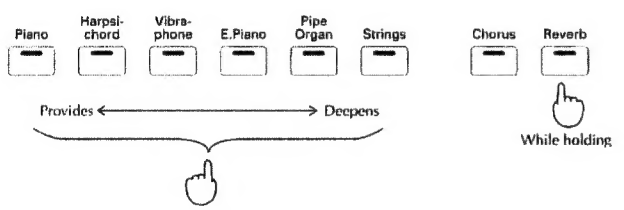
1. Hold down the CHORUS button for a few seconds until you have confirmed that its indicator has started to flash.
2. With the CHORUS button still pressed, press the appropriate Voice button to select the desired depth setting.



Applying Reverb to the Sound

You can select from 6 different Reverb levels.

1. Hold down the REVERB button for a few seconds and its indicator will start to flash.
2. With the REVERB button still pressed, press the appropriate Voice button to select the desired depth setting.



Using the Metronome

Press METRONOME button to activate the Metronome click. Use the tempo + and - buttons to encrease or decrease the Tempo.

To set the Metronome Volume:

1. Hold down the METRONOME button for a few seconds and its indicator will start to flash.
2. With the METRONOME button still pressed, set the Volume using TEMPO +/- buttons.

Time Signature Setting

You can chose between 10 different Time Signature Settings.

1. Hold down the METRONOME button for a few seconds and its indicator will start to flash.
2. With the METRONOME button still pressed, press a button as in the table below to select yor desired Time Signature:

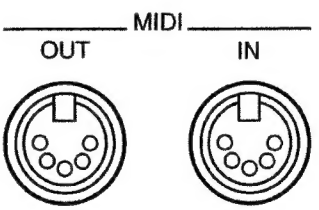
PIANO	1/4
HARPSICHORD	2/4
VIBRAPHONE	3/4
E. PIANO	4/4
PIPE ORGAN	5/4
STRINGS	6/4
CHORUS	3/8
REVERB	6/8
TOUCH LIGHT	9/8
TOUCH HEAVY	12/8

For Those Who Wish To Use MIDI

Those satisfied with playing the piano by itself need not read the following.

About MIDI...

The MIDI (Musical Instrument Digital Interface) standard was created to provide for the exchange of performance information among electronic musical instruments and computers.



The MIDI Connectors

Take a look at the rear panel of your piano. You should be able to quickly find the two MIDI sockets. These connectors enable the piano to 'converse' with other MIDI-equipped units. The two connectors function as follows:

MIDI IN Connector

This connector is where messages from other MIDI-equipped units are received, and can be likened to the "ears" which listen to what the other instrument has to convey.

MIDI OUT Connector

From this connector, messages are sent out to other MIDI-equipped units. It can be likened to the "mouth" in the ongoing dialogue between the units.

In order to enable communication between two devices, you need to run a cable, such as shown below, between their respective MIDI connectors.

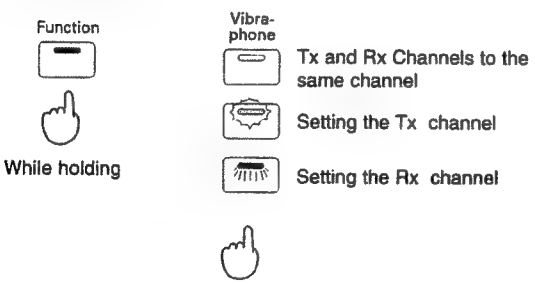
Connecting a recorder or sequencer

Setting the MIDI Transmit/Receive Channels

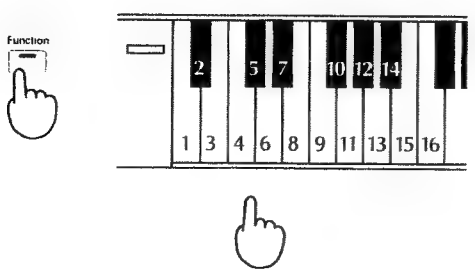
MIDI provides for the use of 16 channels, numbered 1-16. When the channel used by the transmitting unit matches that of a remote receiving unit, you can play sounds contained in the remote unit, or change the sounds it uses.

Hold down the FUNCTION button while you press the VIBRAPHONE button to set the MIDI Transmit/Receive Channel:

- While the VIBRAPHONE button's indicator is dark, the transmission and reception channels will be set to the same channel. The Transmit channel alone can be set while the VIBRAPHONE button's indicator is blinking; whereas the Receive channel alone can be set while the VIBRAPHONE button's indicator is lit.



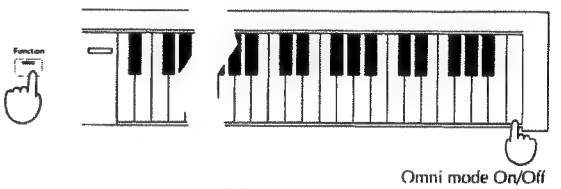
- With the FUNCTION button still depressed, press the key which corresponds to the desired MIDI channel. (See illustration below.)



Omni On/Off

When set to "Omni ON," the HP-236 will produce sound no matter which channel any performance data is received on. This is convenient for hearing the performance data on all channels at the same time.

To set the unit to Omni ON, hold down the FUNCTION button and press the key at the right end of the keyboard (the highest key). At the same time, both the transmission and reception channels are automatically set to channel 1.

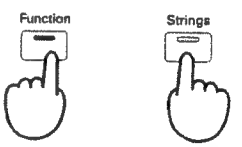


* *Thereafter, the unit will be placed back into the Omni OFF mode when a specific setting for the Receive channel is made.*

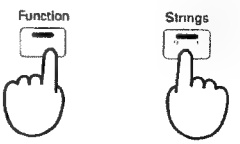
Local On/Off

If you intend to record into a sequencer, set it so its "Soft Thru" function is ON. At the same time, set the piano's Local setting to OFF:

1. Press FUNCTION (the STRINGS button indicator should be dark). (When this indicator is dark, it means that the unit is set to Local ON.)



2. With the FUNCTION button still pressed, press the STRINGS button, and confirm that its indicator has lit. (When this indicator is lit, the unit is set to Local OFF.)



* *If the HP-236 is set to "Local ON" while connected to a sequencer set with its "Soft Thru" function "ON," the same notes will be produced twice. This is because the locally produced keyboard notes first sound internally, and then are sounded a second time when the note messages (after having been sent out the HP-236's MIDI OUT, and been routed through the sequencer) have arrived back again at the HP-236's MIDI IN. The result-*

ing sound might seem quite unnatural.

* *When the Local feature is set at "Off", the sound source of the instrument will be disengaged from the keyboard. As a result, only the musical information that has traveled through the sequencer and has arrived back again will cause the instrument to sound.*

* *Some sequencers automatically send out a "Local Off" message at power up. There are also sequencers which are ordinarily used while set to Soft Thru Off, so the instrument being used can be left set at Local On.*

* *This piano will always be set at "Local ON" whenever its power is turned on.*

* *Whenever there are no cables connected to this instrument's MIDI connectors, it will always be at "Local ON."*

The Multi-Timbral Mode

When the Multi-Timbral mode is ON, MIDI data arriving on several channels can be received. This allows you to simultaneously play several of the piano's internal sounds.

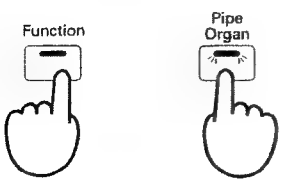
When the Multi-Timbral Mode is OFF

Data that arrives on the specified Receive channel is received and used to play the currently selected Voice.

When the Multi-Timbral Mode is ON

Of any MIDI data that arrives, that which arrives on channels 1, 11, 12, 13, 14 and 15 is received. Data on all other channels is ignored.
The Voice that is used to play the notes will be determined by the Program Change message that is received on the relevant channel.

While holding down the FUNCTION button, press the PIPEORGAN button to turn the Multi-Timbral Mode ON or OFF.
With the indicator lit, it is ON.



How Various Types of Messages Function While the Multi-Timbral Mode is ON

Pedal Messages
Damper, sostenuto and soft pedal messages function are independently received for any of these channels: 1, 11, 12, 13, 14 or 15.

Volume Messages
Volume messages control the volume, and function independently for any of these channels: 1, 11, 12, 13, 14 or 15. Such messages, however, have no effect on what is played on this instrument's keyboard.
The actual volume obtained is determined by both the value of the Volume message, and the position of the Volume slider on this instrument. When a Volume message calls for the maximum value, the actual volume produced will directly reflect the position of the Volume slider.

Chorus On/Off Messages
Chorus On/Off messages affect independently for each channel 1, 11, 12, 13, 14 or 15.

Reverb On/Off Messages
Reverb On/Off messages affect all Voices equally, regardless of whether they are received on channel 1, 11, 12, 13, 14 or 15.

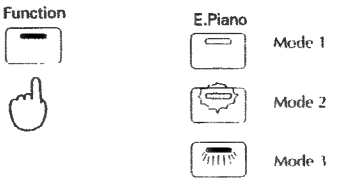
* *When the Multi-Timbral Mode is "On," the unit will always be at "Omni OFF."*

Selecting the Transmission/Reception Mode

Three Transmission/Reception Modes have been provided to allow you to select the mode which best matches your needs.

* *Note and Pedal messages are received/transmitted in every mode.*

Hold down the FUNCTION button while you press the E.PIANO button to set the Transmit/Receive mode. When the E.PIANO button's indicator is dark, you are in Mode 1. When the E.PIANO button's indicator is blinking, you are in Mode2. When the E.PIANO button's indicator is lit, you are in Mode 3.



* *When power is turned on, the unit will always be at the Mode 1 setting.*

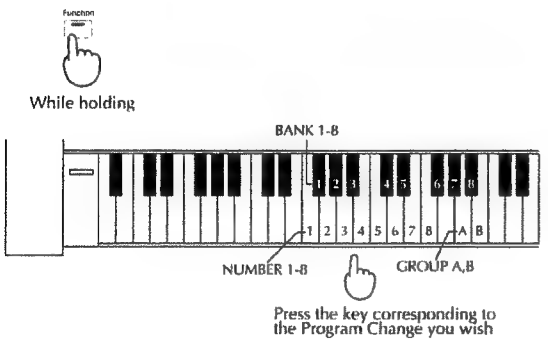
* *Program Changes will not be sent out when you press a voice button while the unit is in Modes 1 and 2. You will need to use the procedure explained on the next page if you wish to transmit Program Changes while using Modes 1 and 2. Note that while in Mode 3, however, the Program Change corresponding to whatever voice button is pressed will always be transmitted.*

Transmission/Reception of Program Change Messages

Transmitting

While holding down the FUNCTION button, press the keys corresponding to the Group, Bank, and Number which make up the Program Change message you wish to transmit.

* *In the Mode 3 Transmission/Reception mode, the appropriate Program Change message will be transmitted whenever you press a Voice button.*



Group A

Bank \ Number	1	2	3	4	5	6	7	8
1	1	2	3	4	5	6	7	8
2	9	10	11	12	13	14	15	16
3	17	18	19	20	21	22	23	24
4	25	26	27	28	29	30	31	32
5	33	34	35	36	37	38	39	40
6	41	42	43	44	45	46	47	48
7	49	50	51	52	53	54	55	56
8	57	58	59	60	61	62	63	64

Group B

Bank \ Number	1	2	3	4	5	6	7	8
1	65	66	67	68	69	70	71	72
2	73	74	75	76	77	78	79	80
3	81	82	83	84	85	86	87	88
4	89	90	91	92	93	94	95	96
5	97	98	99	100	101	102	103	104
6	105	106	107	108	109	110	111	112
7	113	114	115	116	117	118	119	120
8	121	122	123	124	125	126	127	128

Receiving

When a Program Change message is received, a change is made to the correspondingly numbered Voice, as shown below

* *Program Changes except those mentioned above will be ignored.*

1	PIANO
4	HARPSICHORD
5	VIBRAPHONE
6	E.PIANO
8	STRINGS
9	PIPE ORGAN
11	PIANO + HARPSICHORD
12	PIANO + VIBRAPHONE
13	PIANO + E.PIANO
15	PIANO + PIPE ORGAN
16	PIANO + STRINGS
23	HARPSICHORD + IBRAPHONE
24	HARPSICHORD + E.PIANO
26	HARPSICHORD + PIPE ORGAN
27	HARPSICHORD + STRINGS
28	VIBRAPHONE + E.PIANO
30	VIBRAPHONE + PIPE ORGAN
31	VIBRAPHONE + STRINGS
33	E.PIANO + PIPE ORGAN
34	E.PIANO + STRINGS
37	PIPE ORGAN + STRINGS
75	HARPSICHORD + PIANO
76	VIBRAPHONE + PIANO
77	E.PIANO + PIANO
79	PIPE ORGAN + PIANO
80	STRINGS + PIANO
87	VIBRAPHONE + ARPSICHORD
88	E.PIANO + HARPSICHORD
90	PIPE ORGAN + HARPSICHORD
91	STRINGS + HARPSICHORD
92	E.PIANO + VIBRAPHONE
94	PIPE ORGAN + VIBRAPHONE
95	STRINGS + VIBRAPHONE
97	PIPE ORGAN + E.PIANO
98	STRINGS + E.PIANO
101	STRINGS + PIPE ORGAN

Computer Interface

This socket allows you to connect your HP-236 to a computer (PC - MS Dos), thereby eliminating the need of a dedicated MIDI interface for your computer.
Connecting your HP-236 to a computer you will acces, using the proper programs, to the fantastic world of DTMP (you could record your own songs into the computer and then playback it and much more).

* *Use only connection cables supplied by your Roland dealer.*

MIDI MODES TABLE

Mode	I		II		III	
MIDI Messages	TX	RX	TX	RX	TX	RX
Note Messages	Yes	Yes	Yes	Yes	Yes	Yes
Program Change Messages *	No	Yes	No	No	Yes	Yes
Control Change Messages						
Volume (7)	No	Yes	No	Yes	No	Yes
Damper (64)	Yes	Yes	Yes	Yes	Yes	Yes
Sostenuto (66)	Yes	Yes	Yes	Yes	Yes	Yes
Soft (67)	Yes	Yes	Yes	Yes	Yes	Yes
Chorus On/Off (93)	No	No	No	No	Yes	Yes
Reverb On/Off (91)	No	No	No	No	Yes	Yes
Master Tune (RPN)	No	No	No	No	Yes	Yes
Roland System Exclusive Messages						
Multi-Timbral Mode	No	Yes	No	Yes	Yes	Yes
Chorus Depth	No	Yes	No	Yes	Yes	Yes
Reverb Depth	No	Yes	No	Yes	Yes	Yes
Brilliance	No	Yes	No	Yes	Yes	Yes

Troubleshooting

Whenever you suspect that the instrument is not performing as it should, please consult the following information.

Q. No sound heard from speakers.

A. •Have you checked to make sure you don't have the volume set at "MIN"?
•Do you possibly have headphones connected?
•If using other connected MIDI devices, have you made sure the power is ON for all such devices?
•If in the Multi-Timbral mode, do you have the Transmit channel of the connected MIDI device set to something other than 1, 11, 12, 13, 14, or 15 ?
•Could you have MIDI cables connected to the unit while it is also set to "Local OFF"?

Q. The damper effect is constantly applied to notes played (they continue sounding longer than normal). Or, the damper effect cannot be obtained at all.

A. Have you checked to make sure the cable from the stand is connected properly to the piano?
Refer to "Assembling the KS-236 Stand for the HP-236,"

Q. Notes played on the keyboard are too high (or low) in pitch.

A. •Have you checked to make sure that key transposition is not in effect? (If Key Transpose has been set, the indicator on the FUNCTION button will be lit.)
To exit the transposed state, press the FUNCTION button. (Its indicator should be out.)
•Do you have the Master Tuning set appropriately?

Q. Data that was in the recorder has disappeared.

A. •The performance data that you record into the recorder will be erased approx. 8 hours after power is turned off.

Regrettably, there is no way to restore such data once it has been erased. If you need a more permanent form of storage for your songs, you will need to use a sequencer and store songs on floppy disks.
•Have you possibly pressed the PLAY and REC buttons at the same time?

Q. The pitch of this unit differs from that of some other unit being sounded simultaneously.

A. Check to make sure that the Tuning knob on the rear of the unit hasn't been inadvertently moved.
Adjust the tuning knob until the piano's pitch matches that of the external units you are using.

Q. Operations you perform using the panel buttons (Chorus/Reverb/Voice selections) cannot be stored into a sequencer.

A. Have you made sure you have the Transmission/Reception Mode set to Mode 3? Note that each time power is turned on, the unit will by default be in Mode 1. In order to record operations you perform using the panel buttons, the piano must be set to Mode 3.

Specifications HP-236

Keyboard	88 keys (weighted hammer action)
Sound Source	Advanced GP Process
Maximum Polyphony	28 voices
Tones	Piano
	Harpsichord
	Vibraphone
	Electric Piano
	Pipe Organ
	Strings
Effects	Chorus (6 levels)
	Reverb (6 levels)
Touch Control	Light
	Medium
	Heavy
Recorder	1 track (approx. 2000 notes)
Controls	Volume, Brilliance, Master Tune,
	Key Transpose
Connectors	Output Jacks (Stereo)
	Input Jacks (Stereo/Mono)
	Pedal Jacks
	MIDI IN Connector
	MIDI OUT Connector
	Headphone Jack x 2
Pedals	Damper, Soft, Sostenuto
Speakers	16 cm X 2
Rated Power Output	20 W X 2
Finish	Dark Palisander
Power Consumption	34 W (100V), 60 W (117V), 45 W (230, 240V)
Dimensions	Piano 1403 (W) X 518 (D) X 227 (H) mm
	Stand 1392 (W) X 470 (D) X 640 (H) mm
	Total 1403 (W) X 518 (D) X 867(H) mm
Weight	Piano 55,5 Kg
	Stand 15,5 Kg
	Total 71 Kg
Accessories	Owner's Manual, Power Cable,
	Music Stand, Keyboard Stand (KS-236)

* *In the interest of product improvement, the specifications of this unit are subject to change without prior notice.*

Information

When you need repair service, call your local Roland Service Station or the authorized Roland distributor in your country as shown below.

ARGENTINA

Instrumentos Musicales S.A.
Florida 638
(1005) Buenos Aires
ARGENTINA
TEL: (01) 394 4029

BRAZIL

Roland Brasil Ltda.
R. Coronel Octaviano da Silveira 203
05522-010 Sao Paulo BRAZIL
TEL: (011) 843 9377

CANADA

Roland Canada Music Ltd.
(Head Office)
5480 Parkwood Way
Richmond B. C., V6V 2M4
CANADA
TEL: (0604) 270 6626

Roland Canada Music Ltd.
(Toronto Office)
Unit 2, 109 Woodbine Downs Blvd, Etobicoke, ON M9W 6Y1
CANADA
TEL: (0416) 213 9707

MEXICO

Casa Veerkamp, s.a. de c.v.
Av. Toluca No. 323
Col. Olivar de los Padres
01780 Mexico D.F. MEXICO
TEL: (525) 668 04 80

La Casa Wagner de Guadalajara s.a. de c.v.
Av. Corona No. 202 S.J.
Guadalajara, Jalisco Mexico
C.P.44100 MEXICO
TEL: (03) 613 1414

PANAMA

Productos Superiores, S.A.
Apartado 655 - Panama 1
REP. DE PANAMA
TEL: 26 3322

U. S. A.

Roland Corporation U.S.
7200 Dominion Circle
Los Angeles, CA. 90040-3696,
U. S. A.
TEL: (0213) 685 5141

VENEZUELA

Musicland Digital C.A.
Av. Francisco de Miranda,
Centro Parque de Cristal,
Nivel C2 Local 20
Caracas VENEZUELA
TEL: (02) 285 9218

AUSTRALIA

Roland Corporation Australia Pty. Ltd.
38 Campbell Avenue
Dee Why West. NSW 2099
AUSTRALIA
TEL: (02) 982 8266

NEW ZEALAND

Roland Corporation (NZ) Ltd.
97 Mt. Eden Road, Mt. Eden,
Auckland 3, NEW ZEALAND
TEL: (09) 3098 715

CHINA

Beijing Xinghai Musical Instruments Co., Ltd.
2 Huangmuchang Chao Yang District, Beijing, CHINA
TEL: (010) 6774 7491

HONG KONG

Tom Lee Music Co., Ltd. Service Division
22-32 Pun Shan Street, Tsuen Wan, New Territories,
HONG KONG
TEL: 2415 0911

INDONESIA

PT Galestra Inti
Kompleks Perkantoran
Duta Merlin Blok E No.6—7
Jl. Gajah Mada No.3—5,
Jakarta 10130,
INDONESIA
TEL: (021) 6335416

KOREA

Cosmos Corporation Service Station
261 2nd Floor Nak-Won Arcade
Jong-Ro ku,
Seoul, KOREA
TEL: (02) 742 8844

MALAYSIA

Bentley Music SDN BHD
No.142, Jalan Bukit Bintang 55100
Kuala Lumpur, MALAYSIA
TEL: (03) 2443333

PHILIPPINES

G.A. Yupangco & Co. Inc.
339 Gil J. Puyat Avenue Makati
Metro Manila 1200,
PHILIPPINES
TEL: (02) 899 9801

SINGAPORE

Swee Lee Company
BLOCK 231, Bain Street #03-23
Bras Basah Complex,
SINGAPORE 0718
TEL: 3367886

Cristofori Music Pte Ltd.
335, Joo Chiat Road
SINGAPORE 1542
TEL: 3450435

TAIWAN

Siruba Enterprise (Taiwan) Co., LTD.
Room. 5, 9fl. No. 112 Chung Shan N.Road Sec.2
Taipei, TAIWAN, R.O.C.
TEL: (02) 561 3339

THAILAND

Theera Music Co. , Ltd.
330 Verng Nakorn Kasem, Soi 2,
Bangkok 10100, THAILAND
TEL: (02) 2248821

BAHRAIN

Moon Stores
Bad Al Bahrain Road,
P.O.Box 20077
State of BAHRAIN
TEL: 211 005

IRAN

TARADIS
Mir Emad Ave. No. 15, 10th street
P. O. Box 15875
4171 Teheran, IRAN
TEL: (021) 875 6524

ISRAEL

Halilit P. Greenspoon & Sons Ltd.
8 Retzif Ha'aliya Hashnya St.
Tel-Aviv-Yafo ISRAEL
TEL: (03) 6823666

JORDAN

Amman Trading Agency
Prince Mohammed St.
P. O. Box 825
Amman 11118 JORDAN
TEL: (06) 641200

KUWAIT

Easa Husain Al-Yousifi
P.O. Box 126 Safat
13002 KUWAIT
TEL: 5719499

LEBANON

A. Chahine & Fils
P.O. Box 16-5857 Gergi Zeidan St.
Chahine Building, Achrafieh
Beirut, LEBANON
TEL: (01) 335799

OMAN

OHI Electronics & Trading Co. LLC
P. O. Box 889
Muscat Sultanate of OMAN
TEL: 706 010

QATAR

Badie Studio & Stores
P.O.Box 62,
DOHA QATAR
TEL: 423554

SAUDI ARABIA

Abdul Latif S. Al-Ghamdi Trading Establishment
Middle East Commercial Center
Al-Khobar Dharan Highway
W/hamood st.
P. O. Box 3631 Al-Khober
31952 SAUDIARABIA
TEL: (03) 898 2332

SYRIA

Technical Light & Sound Center
Khaled Ebn Al Walid St.
P.O.Box 13520
Damascus - SYRIA
TEL: (011) 2235 384

TURKEY

Barkat Sanayi ve Ticaret
Siraselvier Cad. Guney Ishani No. 86/6 Taksim,
Istanbul TURKEY
TEL: (0212) 2499324

U.A.E

Zak Electronics & Musical Instruments Co.
Zabeel Road, Al Sherooq Bldg., No. 14, Grand Floor
DUBAI U.A.E.
P.O. Box 8050 DUBAI, U.A.E
TEL: (04) 360715

EGYPT

Al Fanny Trading Office
9, Ebn Hagar Al Askalany Street,
Ard El Golf, Heliopolis,
Cairo, 11341 EGYPT
TEL: (02) 4171828
(02) 4185531

KENYA

Musik Land Limited
P.O Box 12183 Moi Avenue
Nairobi Republic of KENYA
TEL: (2) 338 346

MAURITIOUS

Philanne Music Center
4th, Floor Noll, Happy World House Sir William Newton Street
Port Luis MAURITIOUS
TEL: 242 2986

REUNION

FO - YAM Marcel
25 Rue Jules MermanZL
Chaudron - BP79 97491
Ste Clotilde REUNION
TEL: 28 29 16

SOUTH AFRICA

That Other Music Shop (PTY) Ltd.
11 Melle Street (Cnr Melle and Juta Street)
Braamfontein 2001
Republic of SOUTH AFRICA
TEL: (011) 403 4105

Paul Bothner (PTY) Ltd.
17 Werdmuller Centre
Claremont 7700
Republic of SOUTH AFRICA
TEL: (021) 64 4030

AUSTRIA

E. Dematte &Co.
Neu-Rum Siemens-Strasse 4
P.O.Box 83
A–6040 Innsbruck AUSTRIA
TEL: (0512) 26 44 260

BELGIUM/HOLLAND/ LUXEMBOURG

Roland Benelux N. V.
Houtstraat 1 B-2260
Oevel-Westerlo BELGIUM
TEL: (014) 575811

BELORUSSIA

Tushe
UL. Rabkorovskaya 17
220001 MINSK
TEL: (0172) 764-911

CYPRUS

Radex Sound Equipment Ltd.
17 Diagorou St., P.O.Box 2046,
Nicosia CYPRUS
TEL: (02) 453 426
(02) 466 423

DENMARK

Roland Scandinavia A/S
Langebrogade 6 Post Box 1937
DK-1023 Copenhagen K.
DENMARK
TEL: 32 95 3111

FRANCE

MUSIKENGRO
Zac de Folliouses 01706
Les Echets Miribel FRANCE
TEL: 472 26 2700

FINLAND

Roland Scandinavia As, Filial Finland
Lauttasaarentie 54 B
Fin-00201 Helsinki, FINLAND
P. O. Box No. 109
TEL: (0) 682 4020

GERMANY

Roland Elektronische Musikinstrumente Handelsgesellschaft mbH.
Oststrasse 96,
22844 Norderstedt, GERMANY
TEL: (040) 52 60090

GREECE

V. Dimitriadis & Co. Ltd.
20, Alexandras St. & Bouboulinas 54 St.
106 82 Athens, GREECE
TEL: (01) 8232415

HUNGARY

Intermusica Ltd.
Warehouse Area 'DEPO' Pf.83
H-2046 Torokbalint, HUNGARY
TEL: (23) 338 041

IRELAND

The Dublin Service Centre Audio Maintenance Limited
11 Brunswick Place
Dublin 2 Republic of IRELAND
TEL: (01) 677322

ITALY

Roland Italy S. p. A.
Viale delle Industrie, 8
20020 Arese Milano, ITALY
TEL: (02) 93581311

NORWAY

Roland Scandinavia Avd. Kontor Norge
Lilleakerveien 2 Postboks 95 Lilleaker
N-0216 Oslo NORWAY
TEL: 273 0074

POLAND

P. P. H. Brzostowicz Marian
UL. Blokowa 32,
03624 Warszawa POLAND
TEL: (022) 679 44 19

PORTUGAL

Caius - Tecnologias Audio e Musica , Lda.
Rue de Catarina 131
4000 Porto, PORTUGAL
TEL: (02) 38 4456

RUSSIA

Petroshop Ltd.
11 Sayanskaya Street
Moscow 11531, RUSSIA
TEL: 095 307 4892

Slami Music Company
Sadojava-Triumfalnaja st., 16
103006 Moscow, RUSSIA
TEL: 095 209 2193

SPAIN

Roland Electronics de España, S. A.
Calle Bolivia 239
08020 Barcelona, SPAIN
TEL: (93) 308 1000

SWEDEN

Roland Scandinavia A/S
Danvik Center 28 A, 2 tr.
S-131 30 Nacka SWEDEN
TEL: (08) 702 0020

SWITZERLAND

Roland (Switzerland) AG
Musitronic AG
Gerberstrasse 5,
CH-4410 Liestal, SWITZERLAND
TEL: (061) 921 1615

UKRAINE

TIC-TAC
Mira Str. 19/108
P.O.Box 180
295400 Munkachevo, UKRAINE
TEL: (03131) 414-40

UNITED KINGDOM

Roland (U.K.) Ltd., Swansea Office
Atlantic Close, Swansea
Enterprise Park SWANSEA
West Glamorgan SA7 9FJ,
UNITED KINGDOM
TEL: (01792) 702701

DIGITAL PIANO
Model HP-236

MIDI Implementation Chart

Date: October,1997
Version:1.00

Function...		Transmitted	Recognized	Remarks
Basic	Default	1	1	
Channel	Changed	1-16	1-16, *4(1,11,12,13,14,15)	
Mode	Default	Mode 3	Mode 3	
	Messages	OMNI OFF, POLY	*5	
	Altered	**********	*3	
Note		15-113	0-127	
Number	True Voice	**********	15-113	
Velocity	Note ON	o	o	
	Note OFF	o 9n v=0	o	
After	Key's	x	x	
Touch	Ch's	x	x	
Pitch Bend		x	x	
Control Change	6, 38	o	o	Data entry
	7	x	o	Volume
	64	o	o	Hold 1
	66	o	o	Sostenuto
	67	o	o	Soft
	91	x *1	x *1	Reverb
	93	x *1	x *1	Chorus
	100, 101	o	o	RPN LSB, MSB
	121	x	o	Reset all controllers
Prog		o	o *1	
Change	True #	**********	1...101	
System Exclusive		o	o	
System	Song Pos	x	x	
Common	Song Sel	x	x	
	True	x	x	
System	Clock	x	x	
Real Time	Commands	x	x	
	Local ON/OFF	x	o	
AUX	All Notes OFF	x	o (123-127)	
Messages	Active Sense	o	o	
	Reset	x	x	
Notes		*1 Able to choose between "o" and "x". *2 When power on, OMNI OFF and POLY are sent through the basic channel. *3 When the Multi-Timbral Mode is OFF, recognized as Mode 3 even if receiving in MONO mode (M=1). Recognized as Mode 1 even if receiving in MONO mode (M≠1). *4 When the Multi-Timbral Mode is ON. *5 Set to "x" when the Multi-Timbral Mode is ON and set to "o" when the Multi-Timbral Mode is OFF.		

Mode 1 : OMNI ON, POLY
Mode 2 : OMNI ON, MONO
Mode 3 : OMNI OFF, POLY
Mode 4 : OMNI OFF, MONO

o : Yes
x : No

For E.C. Countries

This product complies with EC directives
- LOW VOLTAGE 73/23
- EMC 89/336"

Dieses instrument entspricht folgenden EG-Verordnungen:
- NIEDRIGE SPANNUNG 73/23
- EMC 89/336"

Cet instrument est conforme aux directives CE suivantes:
- BASSE TENSION 73/23
- EMC 89/336"

CE

Questo prodotto é conforme alle seguenti direttive CEE
- BASSA TENSIONE 73/23
- EMC 89/336"

Dit instrument beantwoordt aan de volgende EG richtlijnen:
- LAGE SPANNING 73/23
- EMC 89/336"

Este producto cumple con las siguientes directrices de la CE
- BAJO VOLTAJE 73/23
- EMC 89/336"

For the USA

FEDERAL COMMUNICATIONS COMMISSION
RADIO FREQUENCY INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Unauthorized changes or modification to this system can void the users authority to operate this equipment.
This equipment requires shielded interface cables in order to meet FCC class B Limit.

For Canada

CLASS B **NOTICE**

This digital apparatus does not exceed the Class B limits for radio noise emissions set out in the Radio Interference Regulations of the Canadian Department of Communications.

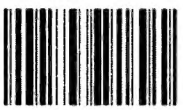
CLASS B **AVIS**

Cet appareil numérique ne dépasse pas les limites de la classe B au niveau des émissions de bruits radioélectriques fixés dans le Réglement des signaux parasites par le ministère canadien des Communications.

Roland®

K6018296

UPC K6018296



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